

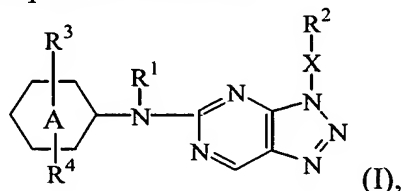
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ABSTRACT

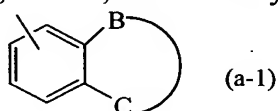
TRIAZOLOPYRIMIDINE DERIVATIVES AS GLYCOGEN SYNTHASE KINASE 3
INHIBITORS

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This invention concerns a compound of formula



- a *N*-oxide, a pharmaceutically acceptable addition salt, a quaternary amine and a stereochemically isomeric form thereof, wherein ring A represents phenyl, pyridyl, pyrimidinyl, pyridazinyl or pyrazinyl; R¹ represents hydrogen; aryl; formyl; C₁₋₆alkylcarbonyl; C₁₋₆alkyl; C₁₋₆alkyloxycarbonyl; C₁₋₆alkyl substituted with formyl, C₁₋₆alkylcarbonyl, C₁₋₆alkyloxycarbonyl, C₁₋₆alkylcarbonyloxy; or C₁₋₆alkyloxyC₁₋₆alkylcarbonyl optionally substituted with C₁₋₆alkyloxycarbonyl; X represents a direct bond; -(CH₂)_{n3}- or -(CH₂)_{n4}-X_{1a}-X_{1b}; R² represents C₃₋₇cycloalkyl; phenyl; a 4, 5, 6- or 7-membered monocyclic heterocycle containing at least one heteroatom selected from O, S or N; benzoxazolyl or a radical of formula



- wherein said R² substituent may optionally be substituted; R³ represents halo; hydroxy; optionally substituted C₁₋₆alkyl; C₂₋₆alkenyl or C₂₋₆alkynyl, each optionally substituted; optionally substituted polyhaloC₁₋₆alkyl; optionally substituted C₁₋₆alkyloxy; optionally substituted polyhaloC₁₋₆alkyloxy; C₁₋₆alkylthio; polyhaloC₁₋₆alkylthio; C₁₋₆alkyloxycarbonyl; C₁₋₆alkylcarbonyloxy; C₁₋₆alkylcarbonyl; polyhaloC₁₋₆alkylcarbonyl; cyano; carboxyl; aryloxy; arylthio; arylcarbonyl; NR^{6b}R^{7b}; C(=O)-NR^{6b}R^{7b}; -NR⁵-C(=O)-NR^{6b}R^{7b}; -NR⁵-C(=O)-R⁵; -S(=O)_{n1}-R^{8a}; -NR⁵-S(=O)_{n1}-R^{8a}; -S-CN; -NR⁵-CN; R⁴ represents hydrogen; halo; hydroxy; optionally substituted C₁₋₄alkyl; C₂₋₄alkenyl or C₂₋₄alkynyl, each optionally substituted; polyhaloC₁₋₃alkyl; optionally substituted C₁₋₄alkyloxy; polyhalo-C₁₋₃alkyloxy; C₁₋₄alkylthio; polyhaloC₁₋₃alkylthio; C₁₋₄alkyloxycarbonyl; C₁₋₄alkylcarbonyloxy; C₁₋₄alkylcarbonyl; polyhaloC₁₋₄alkylcarbonyl; nitro; cyano; carboxyl; NR¹⁰R¹¹; C(=O)NR¹⁰R¹¹; -NR⁵-C(=O)-NR¹⁰R¹¹; -NR⁵-C(=O)-R⁵; -S(=O)_{n1}-R¹²; -NR⁵-S(=O)_{n1}-R¹²; -S-CN; -NR⁵-CN; their use, pharmaceutical compositions comprising them and processes for their preparation.